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|  | Recommended Program of Study for: Digital Game Development | | | |  |
| Career Cluster: Information Technology | | | Career Pathway: Programming and Software Development | | |
| 9 th Grade | 10 th Grade | 11 th Grade | 12 th Grade | Postsecondary | |
| English I | English II | English III | English IV | College of Southern Nevada Great Basin College Nevada State College Truckee Meadows Community College University of Nevada, Las Vegas University of Nevada, Reno Western Nevada College | |
| Algebra I | Geometry | Algebra II | Senior Level Math Course | | |
| Biology | Chemistry or Geoscience | Junior Level Science Course | Elective ¹ | | |
| Health / Computer Literacy | World History | US History | US Government | | |
| Physical Education | Physical Education | Foreign Language ² or Elective ¹ | Foreign Language ² or Elective ¹ | | |
| Digital Game Development I | Digital Game Development II | Digital Game Development III ³ | Digital Game Development Advanced Studies | Career and Technical Student Organizations | |
| Work-Based Learning | Secondary | -- Articulation -- | | Postsecondary | |
| Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers | Digital Game Development I Digital Game Development II Digital Game Development III | Up to 6 credits at College of Southern Nevada Up to 6 credits at Truckee Meadows Community College (subject to change) | | | FBLA SkillsUSA |
| CTE Assessments ³ | Available Industry Certifications | | | High Wage - High Skill - High Demand Careers ⁴ | |
| -End of Program Technical Assessment for Digital Game Development - Workplace Readiness Skills Assessment (for Employability Skills Standards) | <u>Certification</u> Microsoft Game Design | <u>Provider</u> Microsoft | App Developer Video Game Developer Animator Programmer | Game Tester Gaming Designer Technical Artist Game Artist | |

This Program of Study is based upon the requirements needed for an Advanced Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

¹ Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

² Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

³ CTE Assessments will be administered during the completion level CTE course.

⁴ For additional career and employment information visit <http://www.nvcis.intocareers.org/> and <http://www.NevadaYouth.org>